

Converting Colors

$Y_{xy}(36.0825, 0.4308, 0.3173)$

Have a look what the booklet for
Yxy(36.0825, 0.4308, 0.3173)
contains.

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Color

Yxy(36.1797, 0.4298, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	F2808B
RGB	242, 128, 139
RGB Percent	95%, 50%, 55%
CMY	0.0510, 0.4980, 0.4550
CMYK	0.00, 0.47, 0.43, 0.05
HSL	354°, 81%, 73%
HSV	354°, 47%, 95%
XYZ	48.9919, 36.1797, 28.8161
YIQ	163.3400, 64.4130, 27.5890

Conversions

Conversions Part 2

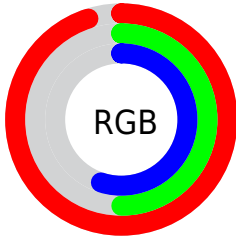
Format	Color
R _Y B	242, 128, 139
Decimal	15892619
CIE Lab	66.66, 44.62, 14.11
CIE LCh	67, 46.793, 17.544
Yxy	36.1797, 0.4298, 0.3174
Android (android.graphics.Color)	4294082699 (0xFFFF2808B)
YUV	163.3400, -11.9996, 68.9848
Hunter-Lab	60.1496, 40.1268, 13.7004

Details

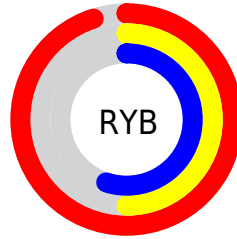
The Yxy color **36.1797, 0.4298, 0.3174** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.8577, 0.2551, 0.3421**, and the grayscale version is **36.8314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9327, 0.3673, 0.3198**, and **15.6985, 0.4671, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **30.0261, 0.4708, 0.3158**, and if you desaturate by 10%, it is **43.9700, 0.3948, 0.3197**.

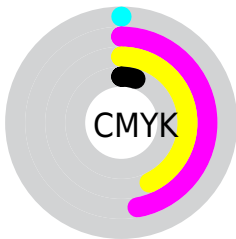
Distribution



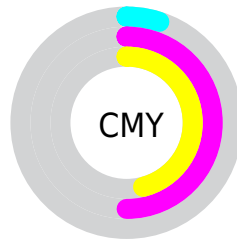
- Red (95%)
- Green (50%)
- Blue (55%)



- Red (95%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1797, 0.4298, 0.3174 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.1797, 0.4298, 0.3174 by changing the saturation by 10% instead.


 36.1797, 0.4298,
0.3174


 36.1797, 0.4298,
0.3174


329.7453, 0.3683,
0.3254

 24.5730, 0.4459,
0.3146


 69.3093, 0.4068,
0.3209

 15.7592, 0.4671,
0.3106


 91.6011, 0.3984,
0.3220

 9.3539, 0.4958,
0.3045


 118.2233, 0.3913,
0.3229

 4.9728, 0.5366,
0.2942

149.5604, 0.3853,
0.3236

 2.2313, 0.5982,
0.2755

185.9967, 0.3802,
0.3242

 0.7370, 0.7482,
0.2518

227.9167, 0.3757,


 0.0000, 1.0000,


0.3247

0.0000

275.7048, 0.3718,
0.3251

 0.0000, 0.0000,
0.0000


 36.1797, 0.4298,
0.3174


 36.1797, 0.4298,
0.3174

 30.0261, 0.4708,
0.3158


 43.9700, 0.3948,
0.3197


 25.3873, 0.5158,
0.3153


 53.4964, 0.3659,
0.3223


 22.1333, 0.5609,
0.3166


 64.8572, 0.3425,
0.3249


 20.1097, 0.5996,
0.3197

 78.1413, 0.3237,
0.3273

 19.1189, 0.6259,
0.3241

 93.4323, 0.3087,
0.3297

 18.9375, 0.6313,
0.3251

 97.6146, 0.3047,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.1797, 0.3687, 0.2701



36.1797, 0.4298, 0.3174



36.1797, 0.4542, 0.3704

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1797, 0.4298, 0.3174



36.1797, 0.3163, 0.4518



36.1797, 0.1991, 0.2283

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.1797, 0.4298, 0.3174



73.8577, 0.2551, 0.3421

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.1797, 0.1890, 0.2627



36.1797, 0.4298, 0.3174



36.1797, 0.2516, 0.3995

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.1797, 0.4298, 0.3174



36.1797, 0.3836, 0.4556



36.1797, 0.2065, 0.3245



36.1797, 0.2356, 0.2206

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.1797, 0.4298, 0.3174



36.1797, 0.4459, 0.4051



36.1797, 0.2065, 0.3245



36.1797, 0.1927, 0.2366

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.1816, 0.4298, 0.3174



77.3929, 0.3363, 0.3256



38.7742, 0.3077, 0.2109



15.9033, 0.3406, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.1816, 0.4298, 0.3174



33.7820, 0.4710, 0.3158



50.5539, 0.4166, 0.3790



15.7835, 0.3278, 0.3268



10.1835, 0.6290, 0.3239



0.8555, 0.6050, 0.3107

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.1816, 0.4298, 0.3174



33.7820, 0.4710, 0.3158



50.6609, 0.2396, 0.2712



15.7835, 0.3278, 0.3268



10.1835, 0.6290, 0.3239



0.8555, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 36.1797, 0.4298, 0.3174 looks on a white background.

Color Contrast Check

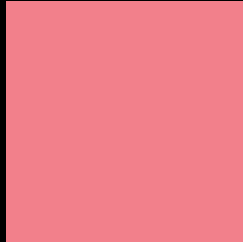
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.1797, 0.4298, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

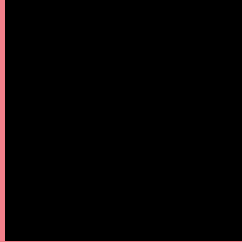
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1797, 0.4298, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 36.1797, 0.4298, 0.3174.



This preview shows how white text looks on a background with the Yxy color 36.1797, 0.4298, 0.3174.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.1797, 0.4298, 0.3174

Protanopia

36.4905, 0.3220, 0.3362

Deuteranopia

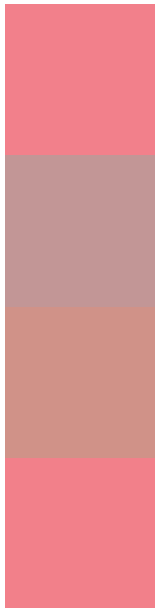
36.1895, 0.3667, 0.3593



Tritanopia

36.1217, 0.4322, 0.3196

Trichromacy



Original Color

36.1797, 0.4298, 0.3174

Protanomaly

35.4840, 0.3586, 0.3291

Deuteranomaly

35.7452, 0.3897, 0.3420

Tritanomaly

36.1506, 0.4310, 0.3185

Monochromacy



Original Color

36.1797, 0.4298, 0.3174

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.3523, 0.3524, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1797, 0.4298, 0.3174 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 139) }
```

Border

The CSS property to change the border of an element to Yxy 36.1797, 0.4298, 0.3174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 128, 139) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 128, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1797, 0.4298, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
128, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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